

SLIDERS BONDED BY A DEBONDABLE ENCAPSULANT CONTAINING
STYRENE AND ACRYLATE POLYMERS

ABSTRACT

The invention relates generally to the bonding of one or more sliders in styrene and acrylate polymers. More particularly, the invention relates to planarized slider assemblies formed by using debondable solid encapsulants comprised of styrene and acrylate polymers. The invention also relates to methods that use such encapsulants in conjunction with resists to produce magnetic head sliders having patterned air-bearing surfaces.

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